

## Magic Disk



This MSDS Sheet complies with the style format specified by ANSI Z400 1-1993

### **SECTION 1: CHEMICAL PRODUCT - COMPANY IDENTIFICATION**

Damp Rid, Inc.  
7701 Southland Blvd.  
Orlando, Florida 32809

(407) 851-6230  
(800) 621-2943

**(800) 424-9300**  
**(800) 222-1222**

**CHEMTREC (24 Hour Emergency Response)**  
**POISON CONTROL**

**PRODUCT:** Magic Disk  
**DAMP RID PRODUCT CODE:** FG13, FG16, FG16S  
**SYNONYMS:** Diphenyl  
**CHEMICAL FAMILY:** Hydroxyls, aliphatic  
**MSDS CREATION DATE:** 16 JAN 96  
**MSDS REVISION DATE:** 11 NOV 02

### **SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS**

COMPONENT	CAS NUMBER	PERCENTAGE
Biphenyl	92-52-4	100%

### **SECTION 3: HAZARDS IDENTIFICATION**

**NFPA RATINGS (SCALE 0-4):**    **HEALTH=2**                      **FIRE=1**                      **REACTIVITY=0**

**EMERGENCY OVERVIEW:** *White crystalline or flake-like solid or molten liquid with a sweet aromatic odor. Irritant to respiratory tract, eyes, and skin. Avoid contact with solution, solid or inhalation of vapor. Hot melted material may cause thermal burns.*

#### **POTENTIAL HEALTH EFFECTS:**

**INHALATION:** May cause irritation to upper respiratory tract.  
**SKIN CONTACT:** May be absorbed through the skin. Contact may cause skin irritation.  
**EYE CONTACT:** May cause irritation to the eyes.  
**INGESTION:** Slightly toxic if ingested.

### **SECTION 4: FIRST AID MEASURES**

**INHALATION:** Remove to fresh air immediately.  
**SKIN CONTACT:** Remove contaminated clothing and shoes immediately. Flood affected area with large amounts of water (at least 15-20 minutes). Wash clothing before reuse. If irritation continues seek medical attention. In case of contact with hot liquid, treat for thermal effects.  
**EYE CONTACT:** Flush eyes immediately with large amounts of cool water or normal saline solution (at least 15-20 minutes).  
**INGESTION:** Treat symptomatically and supportively. Get medical attention.

### **SECTION 5: FIRE FIGHTING MEASURES**

**FIRE AND EXPLOSION HAZARD:** Slight fire hazard. Dust/air mixtures may ignite or explode.  
**EXTINGUISHING MEDIA:** Use water spray (fog), foam, dry chemical, or CO<sub>2</sub>.  
**FIREFIGHTING:** Move product from fire area if you can without risk. Extinguish fire using agent suitable for type of surrounding fire and/or chemicals. Avoid inhalation. Water or foam may cause frothing.  
**FLASH POINT:** 235°F (113°C)/open cup  
**LOWER FLAMMABLE LIMIT:** 0.6% @ 232°F (113°C)



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**UPPER FLAMMABLE LIMIT:** 5.8% @ 331°F (116°C)

**AUTOIGNITION:** 1004°F (540°C)

**HAZARDOUS COMBUSTION PRODUCTS:** No uniquely hazardous decomposition products are expected other than those that normally occur when organic material is burned.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**OCCUPATIONAL SPILL:** Small spills: collect dry spills by scooping, shoveling or vacuuming and place into containers for later disposal. Large spills: wet down area with water and dike for later disposal.

### **SECTION 7: HANDLING AND STORAGE**

Observe all federal, state and local regulations when handling and storing this product. Utilize in well ventilated areas. Keep in closed containers. Product is stable under normal conditions of storage and handling.

### **SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION**

**EXPOSURE LIMITS:** Airborne exposure limits have been established as follows:

OSHA PEL	ACGIH TVL
0.2 ppm 8 HR. TWA	0.2 ppm 8 HR. TWA

**VENTILATION:** Provide natural or local exhaust ventilation system.

**EYE PROTECTION:** Wear safety glasses with splash shields or safety goggles/shield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

**CLOTHING:** Wear appropriate protective clothing and equipment to prevent repeated or prolonged contact with this product.

**GLOVES:** Wear appropriate protective gloves to prevent contact with this product.

**RESPIRATOR:** If a respirator is utilized, the selection must be based on contamination levels found in the work place and specific to the job assignment.

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**DESCRIPTION:** White crystalline or flake-like solid or molten liquid. Sweet aromatic odor.

**MELTING POINT:** 155°F – 158°F (68.5°C - 70°C)

**BOILING POINT:** 491°F (255°C)

**VAPOR PRESSURE:** 9.46 mmHg @ 239°F (115°C)

71.8 mmHg @ 331°F (166°C)

### **SECTION 10: STABILITY AND REACTIVITY**

**REACTIVITY:** Stable under normal conditions of storage and handling.

**INCOMPATIBILITIES:** Highly oxidizing materials.

**HAZARDOUS DECOMPOSITION:** No uniquely hazardous decomposition products are expected other than those that normally occur when organic material is burned.

**POLYMERIZATION:** Does not occur.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

**Irritation Data:** Practically nontoxic (Rabbit LD50>5,010 mg/kg)

**Toxicity Data:** Single dose oral – slightly toxic (Rat LD 50 2,400 mg/kg)

**Local Effects:** May irritate skin, eyes, respiratory tract. Slightly toxic if ingested.

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### **SECTION 12: ECOLOGICAL INFORMATION**

No data available.

### **SECTION 13: DISPOSAL INFORMATION**

Observe all federal, state and local regulations when disposing of this substance.

### **SECTION 14: TRANSPORT INFORMATION**

Not regulated.

### **SECTION 15: REGULATORY INFORMATION**

TSCA STATUS:	Yes	
CERCLA SECTION 103 (40 CFR 302.4)	Yes	Biphenyl: 100 LBS RQ
SARA SECTION 302 /SARA SECTION 304:	No	
SARA SECTION 313	Yes	
SARA HAZARD CATEGORIES, SECTIONS 311/312		
ACUTE HAZARD	Yes	
CHRONIC HAZARD	Yes	
OSHA Process Safety	No	
California Proposition 65	No	
EUROPEAN REGULATIONS: EC NUMBER (EINECS):	202-163-5	
GERMAN REGULATIONS: WATER HAZARD CLASS (WGK)	2	

### **SECTION 16: OTHER INFORMATION**

Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.

This information relates to the specific product designated and may not be valid for such product used in combination with any other materials or in any other processes. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the users' responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

Damp Rid, Inc. reserves the right to refuse shipment of this product to any consumer who fails to demonstrate the ability to consistently handle and use it safely and in compliance with all applicable laws, rules and regulations. Such demonstration may require on-site inspection of any or all storage, processing, packaging and other handling systems that come in contact with it.

Customers are responsible for compliance with local, state and federal regulations that may be pertinent in the storage, application and disposal of this product.